What is claimed is:

1. A light wavelength converting module comprising:

a semiconductor laser from which a fundamental wave exits;

a light wavelength converting element which is optically coupled to the semiconductor laser, and which converts a wavelength of the fundamental wave which has entered from the semiconductor laser;

a wavelength plate disposed at a light exiting side of the light wavelength converting element; and

a removing portion, disposed between the wavelength plate and the light wavelength converting element, for removing the fundamental wave from light incident on the removing portion.

2. A light wavelength converting module according to claim 1, wherein the removing portion is an IR cutting filter.

3. A light wavelength converting module according to claim 1, wherein the light wavelength converting element is directly joined to the semiconductor laser.

4. A light wavelength converting module according to claim 1, wherein the wavelength plate is one of a half-wave plate and a quarter-wave plate, with respect to a wave whose wavelength is converted.

5. A light wavelength converting module according to claim 1, wherein the wavelength plate is disposed substantially orthogonal to an optical axis.

6. A light wavelength converting module according to claim 1, wherein a beam splitter is provided at a light exiting side of the wavelength plate.

7. A light wavelength converting module according to claim 1, wherein a beam splitter and a photodiode are disposed at a light exiting side of the wavelength plate, and the beam splitter and the photodiode are shielded from light.

8. A light wavelength converting module according to claim 1, wherein a light attenuating portion, which attenuates light passing therethrough, is provided at a light exiting side of the light wavelength converting element.

9. A light wavelength converting module according to claim 6, wherein a light attenuating portion, which attenuates light passing therethrough, is provided at a light exiting side of the wavelength converting element and at a light entering side of the beam splitter.

10. A light wavelength converting module according to claim 7, wherein a light attenuating portion, which attenuates light passing therethrough, is provided at a light exiting side of the wavelength converting element and at a light entering side of the beam splitter.